

IES ROAD REPORT



Light measurement results

Print date 12/18/2025

PHOTOMETRIC FILENAME : DE-LED-X59-MFL

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] Viso LabSpion - serial: n/a sensor serial: n/a

[TESTLAB] Viso - serial: n/a sensor serial: n/a - Test lab

[MANUFAC] B-K LIGHTING INC

[ISSUEDATE] 12/18/2025

[LUMINAIRE] DE-LED-X59-MFL

[LUMCAT] N/A

[_SERIALNUMBER] n/a - n/a

Measurement Conditions

Tested c-planes, qty	3
Tested gamma angles, qty	181

Tested Light Source

Luminaire	DE-LED-X59-MFL
Item No.	
Manufacturer	B-K LIGHTING INC

Main Light Measurement Results

Luminaire lumens	691.6 lm
Downward Total Efficiency	99.72%
Total Luminaire Efficiency	100%
Luminaire Efficacy Rating (LER)	54.11 lm/W
Total Luminaire Watts	12.78 W
Upward Waste Light Ratio	0.28%
Maximum Candela	1564 cd
Maximum Candela Angle	180H 0V
Maximum Candela (<90 Degrees Vertical)	1.953 cd
Maximum Candela Angle (<90 Degrees Vertical)	180H 180V
Maximum Candela At 90 Degrees Vertical	88.83 cd
Maximum Candela from 80 to <90 Degrees Vertical	2.22 cd
Correlated Color Temperature, CCT	3000 K
Color Rendering Index, CRI	80.0

Distribution

IES Classification (type I,II,III,IV,V)	Type V
Longitudinal Classification (Short, Medium, Long)	Very Short
Cutoff Classification (deprecated)	Cutoff
BUG rating (IESNA TM-15-07)	B1 U1 G0

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IESNA TM-15-07 LUMINIARE CLASSIFICATION SYSTEM FOR OUTDOOR LUMINAIRES

Forward Light

Low (0-30°)	311	lm	44.96%
Medium (30-60°)	29.27	lm	4.233%
High (60-80°)	3.903	lm	0.5644%
Very High (80-90°)	0.6813	lm	98.52%

Back Light

Low (0-30°)	311	lm	44.96%
Medium (30-60°)	29.27	lm	4.233%
High (60-80°)	3.903	lm	0.5644%
Very High (80-90°)	0.6813	lm	98.52%

Uplight

Low (90-100°)	96.87	lm	14.01%
High (100-180°)	1.839	lm	0.266%

Total

Sum	691.6	lm	100%
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BUG RATING B1 U1 G0

